AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 | 9

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO.(If applicable)
0003	12-Oct-2006	SEE SCHEDULE	

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than item 6)	CODE
NAVAL SURFACE WARFARE CENTER, CARDEROCK CODE 3323, PATRICIA PERZELLA 9500 MACARTHUR BLVD WEST BETHESDA MD 20817-5700	N00167	NAVAL SURFACE WARFARE CENTER, CARDEROCK CODE 3323, PATRICIA PERZELLA 9500 MACARTHUR BLVD WEST BETHESDA MD 20817-5700	N00167

8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		
	X	9A. AMENDMENT OF SOLICITATION NO. N00167-06-Q-5252
	X	9B. DATED (SEE ITEM 11) 31-Aug-2006
		10A. MOD. OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 13)
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer [ ] is extended, [ ] is not extended.

Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[ ] A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

[ ] B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).

[ ] C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

[ ] D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [ ] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

THE REQUEST FOR QUOTATION IS MODIFIED AS FOLLOWS: STATEMENT OF WORK IS AMENDED TO REFLECT ADDITIONAL SPECIFICATIONS; WAGE DETERMINATION RATES #05-2103 REV (01) ARE INCORPORATED IN RFQ.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) PATRICIA PERZELLA / PURCHASE AGENT TEL: 301-227-5994 EMAIL: patricia.perzella@navy.mil	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED 12-Oct-2006

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been modified:
STATEMENT OF WORK

Painting 140 Foot Water Basin and Circulation Water Channel

1. GENERAL REQUIREMENTS: This contract concerns provisions for painting services for the 140 Foot Water Basin and Circulating Water Channel (CWC) located at the Naval Surface Warfare Center, Carderock Division (NSWCCD), West Bethesda, MD. The painting services contract shall include, but not be limited to, preparing and coating the Basins in accordance with this Specification.

2. BACKGROUND:

   2.1 The 140 Foot Basin is a Hydrodynamic testing facility located at the Naval Surface Warfare Center Carderock Division (NSWCCD). This facility is used for model testing where models are photographed during testing for specific data collection. In order to provide better data collection and to accommodate the needs of our customers the Basin needs to be painted. The Basin measures approximately 140 feet in length, 10 feet in width, and 6 feet in depth. There is existing permanent and removable equipment located in and around the Basin. Painting services are needed on the interior and exterior of the basin. This facility will be used for conducting salt water tests.

   2.2 The Circulating Water Channel (CWC) is a Hydrodynamic testing facility located at the Naval Surface Warfare Center Carderock Division (NSWCCD). This facility is used for model testing where models are photographed during testing for specific data collection. In order to provide better data collection and to accommodate the needs of our customers the Test Section of CWC needs to be painted. The Test Section begins at the net and ends where the floor starts to slope. Its measurement is approximately 60 feet in length, 22 feet in width, and 12.3 feet in depth. Painting services are needed only in the interior of the Test Section.

3. REQUIREMENTS: This specification describes the surface preparation, coating system, application requirements, and inspection requirements for the 140 Foot Basin and CWC Test Section Projects.

   3.1 140 Foot Basin

      3.1.1 This specification describes the surface preparation, coating system, application requirements, and inspection requirements for the 140 Foot Basin

         3.1.1.1 Location: The 140 Foot Basin is located in the basement of Building 3 at NSWCCD.

         3.1.1.2 Areas of Basin to be coated: The interior, three (3) exterior walls and the ledge of the Basin are to be coated, with the exception of the North facing exterior wall. NSWCCD requires two (2) colors for painting the 140 Foot Basin. The interior walls and bottom of the Basin shall be Eggshell White (off-white), the ledge and exterior color shall be Haze Grey.

         3.1.1.3 The Contractor shall assume all painted surfaces contain lead paint. The requirements in this specification do not supersede applicable Federal, Maryland State or Local laws and regulations. The Contractor is responsible for

complying with applicable Federal, Maryland State and Local laws and regulations as they pertain to the removal and handling of lead paint.

3.1.1.4 The Contractor shall describe how lead paint particulate will be controlled/contained. The Contractor will prevent lead exposure to Government personnel working near the contained area.

3.1.1.5 The Contractor shall remove the rubber mat that is adhesively bonded to the bottom of the Basin prior to initiation of surface preparation. The contractor shall dispose of the rubber mat.

3.1.1.6 The Contractor shall protect existing, permanent equipment and surfaces against preparation and coating damage.

3.1.1.7 The Contractor shall provide environmental control and ventilation equipment.

3.1.1.8 The Contractor shall dispose of the particulate.

3.1.1.9 The Government will remove the existing, non-fixed equipment.

3.1.1.10 The Government will provide water.

3.1.2 Materials

3.1.2.1 Crack Filler: Sherwin-Williams Steel-Seam FT910

3.1.2.2 Primer: Sherwin-Williams Duraplate UHS Primer

3.1.2.3 Topcoats:

3.1.2.3.1 Basin: Sherwin-Williams Duraplate UHS – Off - White color

3.1.2.3.2 Ledge and Exterior: Sherwin-Williams Duraplate UHS – Haze Grey color

3.1.2.4 The Contractor is responsible for ensuring that all materials are delivered to the job site in the manufacturer's sealed containers and appropriately labeled. Materials shall be stored in accordance with the manufacturer's instructions. The Contractor is responsible for delivery, storage, handling, and disposal of all materials in accordance with applicable Federal, Maryland State, and Local regulations and manufacturer's instructions.

3.1.3 Coating Schedule

3.1.3.1 Pre-Inspection: The Basin shall be pre-inspected by the Contractor and a representative of the contracting organization. All defects in design and fabrication will be noted.

3.1.3.2 Containment: The Contractor shall erect containment in accordance with applicable Federal, Maryland State and Local laws and regulations. The containment shall be maintained intact and in good condition throughout the pre-cleaning, surface preparation, and coating application process.

3.1.3.3 Pre-Cleaning: The Contractor shall clean and degrease the entire area to be coated by scrubbing using a combination of hot potable water (120-170°F) and a concentrated water-based alkaline degreaser intended for cleaning concrete. Perform two complete degreasing cycles on the entire surface to be coated. Remove using hot potable water (120-170°F) under a minimum of 4000 psi pressure. Rinsing shall be complete when the rinse water appears clear.

3.1.3.4 Surface Preparation:

3.1.3.4.1 Cracks, joints, or other surface defects shall be repaired using Sherwin-Williams Steel-Seam FT910 in accordance with the manufacturer's data sheet. Surfaces shall be filled such that they

are flush with the surrounding undamaged concrete.

3.1.3.4.2 Surface preparation of existing intact coating shall be accomplished by wet sanding or wet abrasive blasting. The resulting surfaces shall have a minimum surface profile of 2 mils.

3.1.3.5 Coating Application

3.1.3.5.1 Exposed Concrete: Apply Sherwin-Williams Duraplate UHS primer. Application and final dry film thickness shall be in accordance with the manufacturer's printed technical data sheets. If the application is performed via spray process, use back-rolling to ensure adequate contact with the substrate.

3.1.3.5.2 Intact Coating: Apply one full coat of Sherwin-Williams Duraplate UHS epoxy. Application and final dry film thickness shall be in accordance with the manufacturer's printed technical data sheets.

3.1.3.6 Pre-Job Conference: This specification and job standards for surface preparation, coating application, and inspection shall be reviewed at a meeting of all parties involved in this coating project prior to commencement of work.

3.1.3.7 Quality Assurance (QA) Inspection and Reporting:

3.1.3.7.1 The Contractor will provide a coating inspector qualified to NACE Level 1 or NBPI to perform the tests listed below and provide a complete record of measurements to the contracting activity on completion of the job.

3.1.3.7.2 The contracting activity will provide a coating inspector qualified to NACE Level 1 or NBPI to perform or witness tests performed by the contractor sufficient to ensure the requirements of this specification are being satisfied.

3.1.3.7.3 Specific Tests

3.1.3.7.3.1 Sampling for lead in accordance with applicable Federal, Maryland State, and local laws and regulations.

3.1.3.7.3.2 Environmental conditions (humidity and air temperature) once each work shift for the duration of the project.

3.1.3.7.3.3 Surface temperature once each work shift prior to application of any repair compounds or coatings.

3.1.3.7.3.4 Surface Preparation: Visual inspection shall be performed to verify that surfaces are free of dust dirt and debris and be uniform in appearance. Five surface profile readings shall be taken for the first 1000 ft^2. Two additional surface profile readings shall be taken for each additional 1000 ft^2.

3.1.3.7.3.5 Final coating inspection: Coatings shall be free of visual defects including (runs, drips, pinholes, and sags), and conform to manufacturer's recommended dry film thickness measured using an eddy current DFT gage. For the final coat, five readings shall be taken for the first 100 ft^2. Two readings shall be taken for every 100 ft^2 thereafter.

3.2 CWC Test Section

3.2.1 This specification describes the surface preparation, coating system, application requirements, and inspection requirements for the CWC Test Section.

3.2.1.1 The CWC Test Section is located in Building 5 at NSWCCD.

3.2.1.2 Areas of Basin to be coated: The interior of the CWC Test Section is to be coated. NSWCCD requires one (1) color for painting the CWC Test Section. The interior walls and floor of the Test Section shall be Eggshell White (off-white).

3.2.1.3 The Contractor shall place water depth markers on the North and South walls of the Test section.

3.2.1.4 The Contractor shall provide environmental controls and ventilation.

3.2.1.5 The Government will remove the existing, non-fixed equipment.

3.2.1.6 The Government will provide water.

3.2.2 Materials

3.2.2.1 Primer: Sherwin Williams Duraplate™ UHS Primer.

3.2.2.2 Topcoat: Sherwin Williams Duraplate™ – Off-white color

3.2.2.3 The Contractor is responsible for ensuring that all materials are delivered to the job site in the manufacturer's sealed containers and appropriately labeled. Materials shall be stored in accordance with the manufacturer's instructions. The Contractor is responsible for delivery, storage, handling, and disposal of all materials in accordance with applicable Federal, Maryland State, and Local regulations and manufacturer's instructions.

3.2.3 Coating Schedule

3.2.3.1 Pre-Inspections: The CWC Test Section shall be pre-inspected by the Contractor and a representative of the contracting organization.

3.2.3.2 Containment: The Contractor shall install containment such that no dust, paint chips, or other particles or debris escapes from the containment area.

3.2.3.3 Pre-Cleaning

3.2.3.3.1 The Contractor shall provide and install environmental control equipment to maintain required conditions for surface preparation and coating application.

3.2.3.3.2 The Contactor shall pressure wash the entire area to be painted at a minimum of 2000 psi.

3.2.3.3.3 The Contractor shall clean so as to ensure that the entire areas to be coated are free of dirt, oil, foreign matter, and other contaminants that would impair coating adhesion.

3.2.3.3.4 The Contractor shall measure surface salt conductivity.

3.2.3.3.5 The Government will remove wire cover plates and lighting tracks.

3.2.3.4 Surface Preparation

3.2.3.4.1 Areas of localized corrosion: The Contractor shall prepare areas to either SSPC-SP 11 (Power Tool Cleaning to Bare Metal) or SSPC SP-10 (Near White Blast Cleaning).

3.2.3.4.2 Areas of intact paint: The Contractor shall prepare areas according to the requirements of the coating manufacturer for over coating aged intact epoxy paint. Generally, this involves sanding with 60

or 80 grit paper, then cleaning so that all dust is removed.

3.2.3.5 Coating Application

3.2.3.5.1 Areas prepared according to SSPC-SP11 or SSPC-SP-10 requirements: The Contractor shall apply Sherwin Williams Duraplate™ UHS primer according to manufacturer's printed technical data sheets. After allowing the proper re-coat interval, apply Sherwin Williams Duraplate™ UHS topcoat according to the manufacture's printed technical data sheets.

3.2.3.5.2 Areas of intact coating: The contractor shall apply only the Sherwin Williams Duraplate™ UHS topcoat according to manufacturer's instructions.

3.2.3.6 Pre-Job Conference: This specification and job standards for surface preparation, coating application, and inspection shall be reviewed and agreed upon at a meeting of all parties involved in this coating project prior to commencement of work. NOTE: CONTACT YELENA BARGMAN AT 301-227-1486 or yelena.bargman@navy.mil TO SET UP A PRE-SITE INSPECTON OF THE JOB.

3.2.3.7 Quality Assurance (QA) Inspection and Reporting

3.2.3.7.1 The Contractor shall provide a coating inspector qualified to NACE Level 1 or NAVESEA Basic Paint Inspector (NBPI) who shall perform the tests listed below and provide a complete record of measurements to the contracting activity on completion of the job.

3.2.3.7.2 Specific Tests

3.2.3.7.2.1 Environmental conditions (humidity and air temperature) once each work shift for the duration of the project.

3.2.3.7.2.2 Surface temperature once each work shift prior to application of any coatings.

3.2.3.7.2.3 Surface profile measurement: In each area prepared in accordance with SSPC-SP-10 or SSPC-SP-11, use Testex tape to measure surface profile. Minimum surface profile shall be 1 mil.

3.2.3.7.2.4 Soluble salt conductivity testing: Sample and measure conductivity to determine acceptable level of soluble salts on the surface to be painted. Five determinations shall be made for every 1000 ft^2. Conductivity measurements shall not exceed 30 microsiemens/cm.

3.2.3.7.2.5 Dry film thickness (DFT) measurement: Measure dry film thickness to ensure the proper coating thickness of all applied coats. Readings shall be taken for each coat at each location prepared to SSPC-SP-10 or SSPC-SP-11. For the final coat, five readings shall be taken for the first 100 ft^2. Two readings shall be taken for every 100 ft^2 thereafter.

3.2.3.7.2.6 Final coating inspection: Coatings shall be free of visual defects including (runs, drips, pinholes, and sags).

3.2.3.7.3 The Government shall provide a coating inspector qualified to NACE Level 1 or NBPI who shall perform or witness tests

performed by the contractor sufficient to ensure the requirements of this specification are being satisfied.

3.3 Workmanship

3.3.1 All work shall be performed in strict accordance with this specification and the manufacturer's current printed technical data and instructions. In case of a conflict between this specification and the manufacturer's technical data and instructions, this specification shall take precedence. Work shall be performed by skilled workmen in a safe and workmanlike manner.

3.3.2 The Contractor shall be certified to SSPC QP-1 and QP-2 and licensed and certified to perform this work in accordance with Federal, Maryland State, and Local regulations.

3.3.3 The Contractor and/or subcontractor shall maintain cleanliness of the work free from accumulation of industrial debris caused by contractor and/or subcontractor employees, which could cause safety hazards and interfere with work, on a continuous basis throughout the project.

4. SUBMITALS: Proposed material submittals required of the Contractor shall be made allowing significant time for processing, review, approval, and procurement before the contractor is ready to use the material. The Contractor shall certify on all submittals that the material being proposed conforms to contract requirement. In the event of any variance the Contractor shall identify which portions vary and request approval of a substitute. The Contractor shall certify that all contractor-furnished equipment can be installed in the allocated spaces. Incomplete submittals and submittals with inadequate data will be rejected.

5. SECURITY REQUIREMENTS:

5.1 All work to be performed for this project is Unclassified.

5.2 The Contractor personnel working at NSWCCD must be fully identified. The Contractor personnel must be U.S. Citizens or have a U.S. Green Card. No Foreign Nationals (FN).

5.3 The Contractor will provide the following information on all personnel who require access:

5.3.1 Full Name

5.3.2 Nationality (if Non-U.S. Citizen, alien registration number provided on the first day of the job)

5.3.3 Date and Place of Birth

6. INSPECTIONS: All work is subject to inspection by a designated Government Representative during performance of specified work, and upon completion of the job.

7. VISITS TO THE JOB SITE: The Contractor is encouraged to visit the job site and make visual inspection to him/herself of the requirement for this job.

ADDENDUM TO RFQ – N00167-06-Q-5252

1. **NO BID BOND WILL BE REQUIRED FOR THIS SOLICITATION**.

2. **NO PAYMENT OR PERFORMANCE BOND WILL BE REQUIRED FOR THIS SOLICITATION.**

3. THERE ARE NO RESTRICTIONS ON NOISE DURING THE HOURS OF OPERATION.

4. **DAY SHIFTS ONLY BETWEEN THE HOURS OF 6:00 A.M. – 3:30 P.M.**

5. **NSWC WILL PROVIDE 110 VOLT ELECTRICAL FOR GENERAL LIGHTING; APPROXIMATELY 30 AMPS.**.

6. THE 140' BASIN REQUIRES SCRUBBING WITH AN ALKALINE CLEANER. THE BASIN AND THE WATER CHANNEL BOTH REQUIRE A PRESSURE WASH. IN ORDER TO BE DISCHARGED, THE RESULTING EFFLUENT WATER WILL NEED TO MEET THE REQUIREMENT OF THE DCWASA WASTEWATER PERMIT AS WELL AS THE DISTRICT OF COLUMBI'S A WASTEWATER DISCHARGE REGULATIONS. DEPENDING ON VOLUME, WE MAY NEED TO SEEK APPROVAL FROM THE REGULATOR. IN ORDER TO DETERMINE IF THIS DISCHARGE IS LIKELY TO MEET THE DISCHARGE REQUIREMENT OR BE SUCCESSFULLY APPROVED, NSWCCD WILL NEED THE FOLLOWING INFORMATION: MSDS FOR ALL CLEANING PRODUCTS USED, A BRIEF DESCRIPTION OF THE RESULTANT WASTERWATER (VOLUME, FLOW RATE, CHEMICAL PROPERTIES (EX. PH), CONTAMINATES SUSPECTED PRESENT), AND THE EXPECTED CONCENTRATION OF VARIOUS CONTAMINATES IN THE WATER INCLUDING LEAD. BIDDERS, IN YOUR QUOTE, PLEASE PROVIDE FOR MULTIPLE WAYS OF DISPOSING OF THE WASTEWATER:

- **A. GOVERNMENT IS ABLE TO DISCHARGE WASTERWATER DOWN THE SANITARY SEWER OR;**
- **B. GOVERNMENT IS UNABLE TO DISCHARGE WASTEWATER DOWN THE SANITARY SEWER.**

7. NSWCCD WILL ALLOW THE SSPC-SP(WJ-2) "LIGHT FLASH RUST" WATER JETTING STANDARD IN LIEU OF THE SSPC-SP-10 "NEAR WHITE METAL BY ABRASIVE SAND BLASTING." ALL SURFACE PROFILE REQUIREMENTS STILL APPLY.

8. THE EXISTING COATING SYSTEMS ON THE 140' BASIN AND WATER CHANNEL ARE AS FOLLOWS: COATING ON WATER CHANNEL (CWC) ARE INTERLINE 604 THA660 AND INTERLINE 604 CONVERTER THA665. COATING USED AT THE 140' BASIN WAS PROBABLY AN EPOXY. HOWEVER, NSWCCD PERSONNEL ARE UNCERTAIN.

9. BIDDERS - PLEASE SUBMIT YOUR QP-1 AND QP-2 CERTIFICATES WITH YOUR BID.

SECTION F - DELIVERIES OR PERFORMANCE

The following Delivery Schedule Item has been deleted from CLIN 0001:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
24-NOV-2006	1	NAVAL SURFACE WARFARE CENTER, CARDEROCK YELENA BARGMAN 9500 MACARTHUR BLVD WEST BETHESDA MD 20817-5700 301-227-1486 FOB: Destination	N00167

The following Delivery Schedule item has been added to CLIN 0001:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
6 wks. ADC	1	NAVAL SURFACE WARFARE CENTER, CARDEROCK BARRY NORMAN, BLDG 9 CODE 3341, RECEIVING, BLDG 143 9500 MACARTHUR BLVD. WEST BETHESDA MD 20817-5700 301-227-5249 FOB: Destination	N00167

The following Delivery Schedule item for CLIN 0002 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
24-NOV-2006	1	NAVAL SURFACE WARFARE CENTER, CARDEROCK YELENA BARGMAN 9500 MACARTHUR BLVD WEST BETHESDA MD 20817-5700 301-227-1486 FOB: Destination	N00167

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
6 wks. ADC	1	NAVAL SURFACE WARFARE CENTER, CARDEROCK YELENA BARGMAN 9500 MACARTHUR BLVD WEST BETHESDA MD 20817-5700 301-227-1486 FOB: Destination	N00167

(End of Summary of Changes)